



118/02339 A04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Amichai HEINES, et al.  
Serial Number: 09/914,894  
Filed: September 4, 2001  
For: MICRO-MECHANICAL FLAT PANEL DISPLAY WITH TOUCH  
SENSITIVE INPUT AND VIBRATION SOURCE  
Art Unit: 2674  
Examiner: Abbas I. ABDULSELAM

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

Further to an official action dated December 27, 2004, the following is applicants' response:

REMARKS

The application now contains 74 claims. The current Office action indicates that claims 1-65 are allowed.

Claim 66 stands rejected under 35 U.S.C. §103(a) as being unpatentable over Webb in view of Johnson et al. Applicants note that the patent number of Webb was misstated in the action and should be 5,447,600 and not 5,477,600 as stated.

Applicants respectfully traverse the rejection and submit that the combination of Webb in view of Johnson does not provide a *prima facie* case for obviousness.

The Webb patent utilizes a single electrode to deflect the panel. As indicated clearly at col. 2, lines 27-41 of Webb, the only electrification utilized in the flipping operation of Webb is a voltage applied between the hinge and the address electrode. Electrode 14 is a landing electrode and there is no teaching of any voltage being applied to this electrode either for flipping or for reduction of the stiction. Webb *does* recognize that stiction is a problem. However, Webb counteracts stiction by coating the landing electrode with a non-stick coating 26.

Johnson teaches a mechanical micro-valve device in which a surface is deflected to selectively seal or open an opening in a substrate, through which a fluid can pass. In Johnson there